

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An anode body for solid electrolytic capacitor, said anode body having a top, a bottom and sides, said anode body comprising

a valve metal foil which makes an anode, and

a layer of sintered body formed of said valve metal provided on the upper and lower surfaces of said valve metal foil, wherein

~~said sintered layer covers the entire side faces of said valve metal foil in three directions with exception of anode lead portion~~ an anode lead extending from said anode on one of said sides, said anode extending to all other of said sides and covered with an insulating layer on said all other of said sides.

2. (Currently Amended) An anode body for solid electrolytic capacitor comprising

a valve metal foil which makes an anode, and

a layer of sintered body formed of said valve metal provided on the upper and lower surfaces of said valve metal foil, and

~~a dielectric film formed on the outer surface of said sintered layer, wherein~~

~~said dielectric film formed on the surface of three side faces of said valve metal foil with exception of anode lead portion is covered with a resist material~~ an anode lead extending from said anode on one of said sides, said anode extending to all other of said sides and covered with a dielectric layer on said all other of said sides.

3. (Currently Amended) An anode body for solid electrolytic capacitor comprising

a valve metal foil which makes an anode, and

a layer of sintered body formed of said valve metal provided on the upper and lower surfaces of said valve metal foil, wherein

an anode lead extending from said anode on one of said sides, said anode extending to all other of said sides and covered with a sintered layer on said all other of said sides

~~the surface of end face~~ of one of said surfaces of said valve metal foil making anode is roughened.

4. (Currently Amended) An anode body for solid electrolytic capacitor comprising

a valve metal foil which makes an anode, and

a layer of sintered body formed of said valve metal provided on the upper and lower surfaces of said valve metal foil, wherein

a flat plane area of said valve metal foil covered with said sintered layer is not less than one half ~~that of~~ the flat plane area of said sintered layer.

5. (Currently Amended) An anode body for solid electrolytic capacitor comprising

a valve metal foil which makes an anode, and

a layer of sintered body formed of said valve metal covering said valve metal foil with exception of ~~the~~ an anode lead portion, wherein

a ratio of cross sectional area of said anode lead portion of said valve metal foil to that of ~~sintered layer~~ of sintered body is not less than 10%.

6. (Currently Amended) An anode body for solid electrolytic capacitor, said anode body having a top, a bottom and sides, said anode body comprising

a valve metal foil which makes an anode, and

a layer of sintered body formed of valve metal covering said valve metal foil with exception of the anode lead portion, wherein

a flat plane area, and a cross sectional area, of the anode lead portion of said valve metal foil have at least the same square measure as the corresponding areas of valve metal foil covered with sintered layer.

7. (Currently Amended) An anode body for solid electrolytic capacitor, said anode body having a top, a bottom and sides, said anode body comprising

a porous valve metal which makes an anode, and

an anode lead extending from said anode on one of said sides, said anode extending to all other of said sides and covered with a sintered layer on said all other of said sides;

a layer of sintered body formed of valve metal provided on the upper and lower surfaces of said porous valve metal.

8. (Currently Amended) The anode body for solid electrolytic capacitor recited in claim 7, wherein

said porous valve metal is ~~either one among the~~ selected from the group consisting of foam metal and sponge metal.

9. (Currently Amended) An anode body for solid electrolytic capacitor, said anode body having a top, a bottom and sides, said anode body comprising

an anode lead extending from said anode on one of said sides, said anode extending to all other of said sides and covered with a sintered layer on said all other of said sides; and

a porous valve metal which makes anode, which has been separated into an anode lead portion and a cathode portion with a boundary in between.

10. (Currently Amended) The anode body for the solid electrolytic capacitor recited in claim 1, which anode body having a dielectric film, a solid electrolytic layer and a cathode layer laminated in the order on the outer surface with exception of said anode lead portion, said anode body included in ~~a~~ the solid electrolytic capacitor.

Appln. No.: 10/621,064
Amendment Dated: October 1, 2004
Reply to Office Action of: June 7, 2004

MAT-8446US

11. (Currently Amended) The anode body for the solid electrolytic capacitor recited in claim 4, which anode body having a dielectric film, a solid electrolytic layer and a cathode layer laminated in the order on the outer surface with exception of said anode lead portion, said anode body included in ~~a~~the solid electrolytic capacitor.

12. (New) An anode body of claim 1, said one of said sides free of said sintered layer.